

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(DO/EO/US)

In re national phase of:

Applicant(s): Nobukazu KAWAGOE et al.  
International Application No.: PCT/JP2004/014626  
International Filing Date: 05 October 2004  
Priority Date Claimed: 08 October 2003  
Title of Invention: SELF-PROPELLED WORKING ROBOT

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. 1.97 and 1.98, and in compliance with 37 C.F.R. 1.56, the Office's attention is directed to the patents, pending applications, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications or (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. 120:

Serial No.: \_\_\_\_\_  
Filing Date: \_\_\_\_\_

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) X Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) X Attachment enclosed entitled "Information Sheet(s) for IDS Duty.

3. Pursuant to 37 C.F.R. 1.97(b) this Statement is being filed (one must be checked):

- (a) X Within 3 months of the filing date, date of entry into the National Stage, or filing date of CPA.
- (b) \_\_\_\_\_ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988 for consideration of this Statement.
- (c) \_\_\_\_\_ Before the mailing date of a first Office Action on the merits after a first or second submission after final rejection under 37 C.F.R. 1.129(a).

- (d) \_\_\_ After the period set forth in 37 C.F.R. 1.97(b) but before the mailing date of either a final action or a notice of allowance.

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- (1) \_\_\_ The required certification is given below, or
- (2) \_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p) for consideration of this Statement, or
- (3) \_\_\_ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988
- (e) \_\_\_ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below.
- (1) \_\_\_ Enclosed is a check covering the fee set forth in 37 C.F.R. 1.17(p), or
- (2) \_\_\_ Charge the fee set forth in 37 C.F.R. 1.17(p) to Deposit Account No. 18-0988.


4. Certification (if applicable)

- (a) \_\_\_ The undersigned hereby certifies that each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) \_\_\_ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 18-0988.

Respectfully Submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

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Form PTO-1449 (Modified)	Atty Docket No. YMMRP0104US	EXPRESS MAILING 107572729 EV710256225US
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: Nobukazu KAWAGOE et al.	
	Filing Date March 21, 2006	Group Not Yet Assigned

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Name	Class	Sub- class	Filing Date if Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date (MM/YYYY)	Country	Class	Sub- class	Translation	
						Yes	No
/S.K./	09-269810	10/1997	JP			Abstract	
/S.K./	09-114523	05/1997	JP			Abstract	
/S.K./	08-263137	10/1996	JP			Abstract	
/S.K./	60-206759	10/1985	JP			Abstract	
/S.K./	56-164602	12/1981	JP				X
/S.K./	06-189610	07/1994	JP			Abstract	
/S.K./	05-257533	10/1993	JP			Abstract	

## OTHER ART

Examiner Initial	Author, Title, Date, Pertinent Pages, etc.
/S.K./	International Search Report for corresponding Application No. PCT/JP2004/014626 mailed January 11, 2005.

EXAMINER  /Sze-Hon Kong/	DATE CONSIDERED  06/21/2009
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## Information Disclosure Statement PTO-1449 (Modified)

The identification of any reference is not intended to be, and should not be understood as being, an admission that such publication, in fact, constitutes "prior art" within the meaning of applicable law since, for example, a given reference may have a later effective date than first seems apparent or the reference may have an effective date which can be antedated. The "prior art" status of any reference is a matter to be resolved during prosecution.

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# **INFORMATION SHEET(s) for IDS duty**

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1. Please submit the following documents (1)-(7) to comply with the IDS duty.

- (1) Japanese Patent Laid-Open No. 09-269810  
Published on October 14, 1997
- (2) Japanese Patent Laid-Open No. 09-114523  
Published on May 2, 1997
- (3) Japanese Patent Laid-Open No. 08-263137  
(corresponding to Japanese Patent No. 3201208)  
Published on October 11, 1996
- (4) Japanese Patent Laid-Open No. 60-206759  
Published on October 18, 1985
- (5) Japanese Utility Model Laid-Open No. 56-164602  
Published on December 7, 1981
- (6) Japanese Patent Laid-Open No. 06-189610  
Published on July 12, 1994
- (7) Japanese Patent Laid-Open No. 05-257533  
Published on October 8, 1993

2. The contents of documents (1), (2), (3) are discussed in the specification. Document (1), (2) are discussed in the paragraph [0006] and documents (3)-(5) are discussed [0008].

Document (5) discloses a unmanned vehicle wherein an obstacle detection device is provided so as to cover all the circumference of the vehicle body, thereby to enable the vehicle to stop when the vehicle becomes in touch with an obstacle in any direction.

Document (3), (6), (7) are cited in the International Search Report (all the documents are cited as category "A": document defining the general state of the art which is not considered to be of particular relevance).